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FROM: Gwilym J.O. Atwell

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OF PAGES (INCLUDING COVER):21

FILE NAME: ISIS0002-102/ISIS4313

DATE: August 1, 2003

FILE #: 129903

RECIPIENT(S)	PHONE	FAX
Examiner Sean McGarry	703.305-7028	703.872-9306

MESSAGE:

OFFICIAL FAX! PLEASE DELIVER TO EXAMINER McGarry

Serial No. 09/479,783

Filing Date January 7, 2000

Attachments: Transmittal Form (1 sheet)
Fee Transmittal Form (1 sheet)(w/auth to chg Deposit Acct.)
Amendment and Request for Reconsideration (17 sheets)
Sheet 12 of 16 of PTO Form 1449

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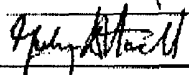
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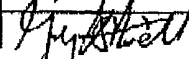
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/479,783	
	Filing Date	January 7, 2000	
	First Named Inventor	Stanley T. Crooke	
	Group Art Unit	1635	
	Examiner Name	Sean McGarry	
Total Number of Pages in This Submission	21	Attorney Docket Number	ISIS0002-102 /ISIS4313

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) SHEET 12 OF 15 OF PTO FORM 1449 DTD 02/14/00
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Gwilym J.O. Atwell/Reg. No. 45,449
Signature	
Date	1 August 2003

CERTIFICATE OF FACSIMILE			
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office to facsimile number (703)-872-9306 on this date: 1 August 2003.			
Typed or printed name	Gwilym J.O. Atwell/Reg. No. 45,449		
Signature		Date	1 August 2003

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 615.00

Complete if Known

Application Number	09/479,783
Filing Date	January 7, 2000
First Named Inventor	Stanley T. Crooke
Examiner Name	Sean McGarry
Art Unit	1035
Attorney Docket No.	ISIS0002-102/ISIS4313/129803

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☒ Other ☐ None
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FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$0)

2. EXTRA CLAIM FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	260	2203	130	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$315.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

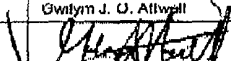
3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1061	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1601	130	1601	130	Petitions to the Commissioner	
1607	50	1807	50	Processing fee under 37 CFR 1.17 (g)	
1805	180	1805	180	Submission of Information Disclosure Sheet	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	500	1802	500	Request for expedited examination of a design application	
Other fee (specify)					
SUBTOTAL (3)					(\$0)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type)	Gwyneth J. U. Attwell	Registration No. Attorney/Agent	46,449	Telephone	215-665-6904
Signature		Date	1 August 2003		

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DOCKET NO.: ISIS0002-102 (ISIS-4313)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stanley T. Crooke

Serial No.: 09/479,783

Group Art Unit: 1635

Filed: January 7, 2000

Examiner: Sean McGarry

For: OLIGORIBONUCLEOTIDES AND RIBONUCLEASES FOR CLEAVING RNA

I hereby certify that this correspondence is being facsimile
transmitted to Examiner McGarry at the United States Patent
and Trademark Office (facsimile number 703-872-9306) on
August 1, 2003


Gwilym John Owen Attwell, Registration No. 45,449

**Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Dear Sir:

AMENDMENT AND REQUEST FOR RECONSIDERATION

In response to the Office Action of May 1, 2003, Applicant respectfully requests that the following amendments be entered and that the rejection of claims in the application be reconsidered and withdrawn.